

Appl. No.: 10/003,377
Amdt. dated April 6, 2004
Reply to Office action of March 8, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A multi-server rack comprising at least one frame for housing servers, the servers having power, keyboard, video, and mouse (K/V/M), and universal serial bus (USB) connections; a server power consolidator attached to the at least one frame that connects with and consolidates the servers' respective power connections; and a server K/V/M and USB connection concentrator attached to the at least one frame that connects with and consolidates the servers' respective K/V/M and USB connections.
2. (Original) The multi-server rack of claim 1 wherein the server power consolidator includes power connectors located on the power consolidator for connecting to the servers' power connections and at least one consolidated power connection for connecting power to the power consolidator.
3. (Original) The multi-server rack of claim 1 wherein the server K/V/M and USB connection concentrator includes K/V/M and USB connections located on the connection concentrator for connecting to K/V/M and USB connections on each of the servers and a consolidated K/V/M and USB connection located on the connection concentrator, the consolidated K/V/M and USB connections allowing one connector to be used for selective communication with the servers' K/V/M and USB connections.
4. (Withdrawn) The multi-server rack of claim 1 wherein the frame further comprises at least one frame network panel; the servers further include network connections; and wherein frame network connectors connect the servers' network connections to network connections on the at least one frame network panel such

Appl. No.: 10/003,377
Amdt. dated April 6, 2004
Reply to Office action of March 8, 2004

that outside network connectors may connect with the network panel connections and thus be connected with the servers' network connections.

5. (Original) The multi-server rack of claim 1 wherein the servers have network connections and the server K/V/M and USB connection concentrator further connects with and consolidates the servers' respective network connections

6. (Original) The multi-server rack of claim 5 wherein the server K/V/M and USB connection concentrator includes network connections located on the connection concentrator for connecting to the network connections on each of the servers and a consolidated network connection located on the connection concentrator, the consolidated network connection allowing one connector to be used for selective communication with the servers' network connections.

7. (Withdrawn) The multi-server rack of claim 1 wherein the servers have parallel port connections and the server K/V/M and USB connection concentrator further connects with and consolidates the servers' respective parallel port connections

8. (Withdrawn) The multi-server rack of claim 7 wherein the server K/V/M and USB connection concentrator includes parallel port connections located on the connection concentrator for connecting to the parallel port connections on each of the servers and a consolidated parallel port connection located on the connection concentrator, the consolidated parallel port connection allowing one connector to be used for selective communication with the servers' parallel port connections.

9. (Withdrawn) The multi-server rack of claim 1 wherein the servers have serial port connections and the server K/V/M and USB connection concentrator

Appl. No.: 10/003,377
Amdt. dated April 6, 2004
Reply to Office action of March 8, 2004

further connects with and consolidates the servers' respective serial port connections

10. (Withdrawn) The multi-server rack of claim 9 wherein the server K/V/M and USB connection concentrator includes serial port connections located on the connection concentrator for connecting to the serial port connections on each of the servers and a consolidated serial port connection located on the connection concentrator, the consolidated serial port connection allowing one connector to be used for selective communication with the servers' serial port connections.

11. (Original) A multi-server frame for housing servers, the servers having power, keyboard, video, and mouse (K/V/M), and universal serial bus (USB) connections; a server power consolidator attached to the frame that connects with and consolidates the servers' respective power connections; and a server K/V/M and USB connection concentrator attached to the frame that connects with and consolidates the servers' respective K/V/M and USB connections.

12. (Original) The multi-server frame of claim 12 wherein the server power consolidator includes power connectors located on the power consolidator for connecting to the servers' power connections and at least one consolidated power connection for connecting power to the power consolidator.

13. (Original) The multi-server frame of claim 11 wherein the server K/V/M and USB connection concentrator includes K/V/M and USB connections located on the connection concentrator for connecting to K/V/M and USB connections on each of the servers and a consolidated K/V/M and USB connection located on the connection concentrator, the consolidated K/V/M and USB connections allowing one connector to be used for selective communication with the servers' K/V/M and USB connections.

Appl. No.: 10/003,377
Amdt. dated April 6, 2004
Reply to Office action of March 8, 2004

14. (Withdrawn) The multi-server frame of claim 11 wherein the frame further comprises at least one frame network panel; the servers further include network connections; and wherein frame network connectors connect the servers' network connections to network connections on the at least one frame network panel such that outside network connectors may connect with the network panel connections and thus be connected with the servers' network connections.

15. (Original) The multi-server frame of claim 1 wherein the servers have network connections and the server K/V/M and USB connection concentrator further connects with and consolidates the servers' respective network connections.

16. (Original) The multi-server frame of claim 15 wherein the server K/V/M and USB connection concentrator includes network connections located on the connection concentrator for connecting to the network connections on each of the servers and a consolidated network connection located on the connection concentrator, the consolidated network connection allowing one connector to be used for selective communication with the servers' network connections.

17. (Withdrawn) The multi-server frame of claim 11 wherein the servers have parallel port connections and the server K/V/M and USB connection concentrator further connects with and consolidates the servers' respective parallel port connections.

18. (Withdrawn) The multi-server frame of claim 17 wherein the server K/V/M and USB connection concentrator includes parallel port connections located on the connection concentrator for connecting to the parallel port connections on each of the servers and a consolidated parallel port connection located on the connection concentrator, the consolidated parallel port connection allowing one connector to be used for selective communication with the servers' parallel port connections.

Appl. No.: 10/003,377
Amdt. dated April 6, 2004
Reply to Office action of March 8, 2004

19. (Withdrawn) The multi-server frame of claim 11 wherein the servers have serial port connections and the server K/V/M and USB connection concentrator further connects with and consolidates the servers' respective serial port connections

20. (Withdrawn) The multi-server frame of claim 19 wherein the server K/V/M and USB connection concentrator includes serial port connections located on the connection concentrator for connecting to the serial port connections on each of the servers and a consolidated serial port connection located on the connection concentrator, the consolidated serial port connection allowing one connector to be used for selective communication with the servers' serial port connections.

21. (Withdrawn) The multi-server frame of claim 11 wherein the multi-server frame further includes mounts for mounting the frame into a server rack.

22.-24. (Cancelled).